

DATA ANALYTICS

ASSIGNMENT-4

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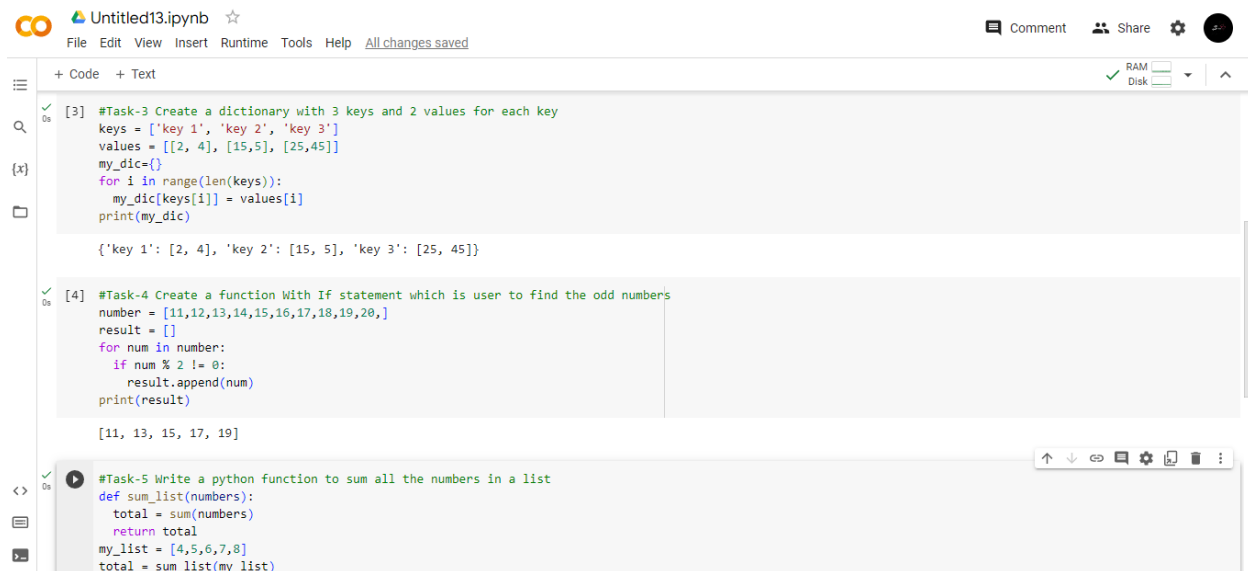
✓ [1] #Task-1 Create two list and join those two list
list_1=[13,18,20,35]
list_2=[19,32,23,45,27,54]
variable_list=list_1+list_2; print(variable_list);

[13, 18, 20, 35, 19, 32, 23, 45, 27, 54]

✓ [2] #Task-2 With If statement find the even numbers
number = [11,12,13,14,15,16,17,21,22,23]
result = []
i = 0
for num in number:
 if num % 2 == 0:
 result.append(num)
print(result)

[12, 14, 16, 22]

<> [3] #Task-3 Create a dictionary with 3 keys and 2 values for each key
keys = ['key 1', 'key 2', 'key 3']
values = [[2, 4], [15,5], [25,45]]
my_dic={}
for i in range(len(keys)):
 my_dic[keys[i]] = values[i]
print(my_dic)



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✓ [3] #Task-3 Create a dictionary with 3 keys and 2 values for each key
keys = ['key 1', 'key 2', 'key 3']
values = [[2, 4], [15,5], [25,45]]
my_dic={}
for i in range(len(keys)):
 my_dic[keys[i]] = values[i]
print(my_dic)

{'key 1': [2, 4], 'key 2': [15, 5], 'key 3': [25, 45]}

✓ [4] #Task-4 Create a function With If statement which is user to find the odd numbers
number = [11,12,13,14,15,16,17,18,19,20,]
result = []
for num in number:
 if num % 2 != 0:
 result.append(num)
print(result)

[11, 13, 15, 17, 19]

<> [5] #Task-5 Write a python function to sum all the numbers in a list
def sum_list(numbers):
 total = sum(numbers)
 return total
my_list = [4,5,6,7,8]
total = sum_list(my_list)

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{'key 1': [2, 4], 'key 2': [15, 5], 'key 3': [25, 45]}

[4] #Task-4 Create a function With If statement which is user to find the odd numbers

```
number = [11,12,13,14,15,16,17,18,19,20,]
result = []
for num in number:
    if num % 2 != 0:
        result.append(num)
print(result)
```

[11, 13, 15, 17, 19]

#Task-5 Write a python function to sum all the numbers in a list

```
def sum_list(numbers):
    total = sum(numbers)
    return total
my_list = [4,5,6,7,8]
total = sum_list(my_list)
print(total)
```

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